



.019 Aluminum Soffit Material Specs.

MATERIALS

- A. All ACM Soffit Material Products shall be made of a 3105/3025-type aluminum coil sheet with a minimum tensile strength of 25,000 psi, or equivalent, as referenced in Aluminum Standards and Data, Table 7.1. The metal shall be treated on both sides with a non-chromate chemical conversion coating to ensure proper paint adhesion and resistance to corrosion. All soffit products shall be coated on both sides with ACM's baked on, high performance, Polykote® 3000 paint system that is specifically formulated for residential exterior applications. The backside of all Polykote® 3000 trim coil shall be coated with a full coat of Polykote® 3000 paint. The film thickness of Smooth coatings shall be a nominal 0.70 - 0.80 mils on each side. Whereas the film thickness of PVC coatings shall be a nominal 0.30 – 0.35 mils on the topside and 0.10 – 0.20 on the backer.
- B. All Aluminum Soffit Products shall be made of a nominal .019” thick aluminum material with a H28 hardness temper rating and a 1T180-3T180 flexibility.
- C. Recycled content of aluminum reaches up to 86%

APPLICATIONS

ACM Aluminum Soffit Material is designed for exterior use on residential and light commercial applications. It is used in most applications for covering and protection of the wooden sub fascia material from water and exterior elements and corrosion.

CONSIDERATIONS

Corrosion is likely to happen with direct contact of aluminum product(s) to certain dissimilar materials or water run-off from same such materials. Care should be taken to avoid contact of aluminum with any corrosive materials during the installation process, including, but not limited to: concrete, stucco, pretreated lumber, corrosive chemicals, fiber cement products, masonry cement, roofing made with metallic granules of dissimilar metals (copper, zinc, steel, etc.), salt, and dissimilar metals.

- The standard thickness tolerance for products made from aluminum sheet material shall be +0.000”, -0.003”.